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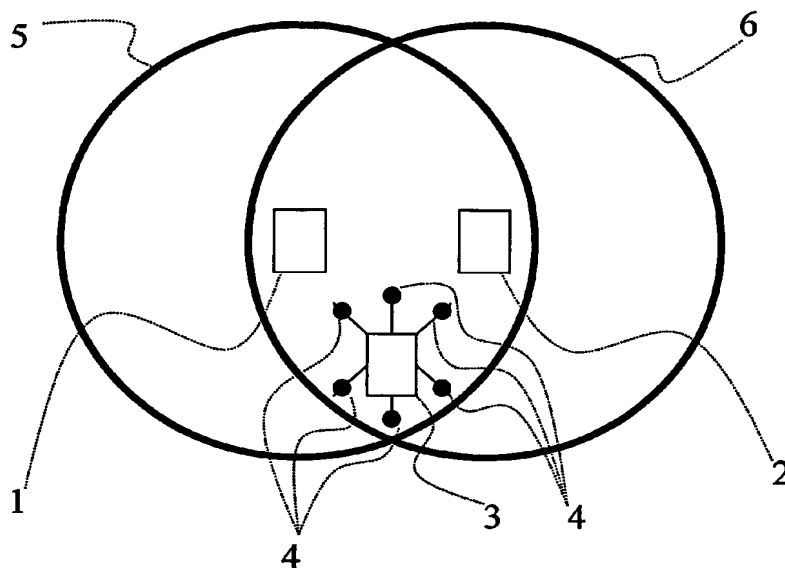
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(54) Title: METHOD FOR OPERATING A TRANSMITTING/RECEIVING STATION OF A WIRELESS COMMUNICATION NETWORK IN ANTENNA DIVERSITY MODE



(57) Abstract: A method for operating a transmitting/receiving station 3 of a wireless communication network in antenna diversity mode, this station having a plurality of reception antennas 4, consists in listening to the communications between two other transmitting/receiving stations 1 and 2 of the network, successively on each reception antenna, then analysing the quality of listening on each reception antenna so as to identify a reception antenna from among the plurality of reception antennas which sets up the best communication link with one of the said other two transmitting/receiving stations.

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